

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Yi-tae Kim
Filing Date: Herewith
Serial No.: Divisional of U.S. Serial No. 10/345,852
Title: IMAGE SENSOR HAVING PHOTO DIODE AND METHOD FOR
MANUFACTURING THE SAME

22858 U.S.PTO
10/30/6489



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322657446US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

3-23-04

Date

Chelsey Davis

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. New Application Transmittal;
2. New Divisional Patent Application;
3. Copy of Executed Declaration, Petition and Power of Attorney;
4. Eight (8) Sheets of Formal Drawings (Figures 1-2, 3A-3E, 4A-4B, 5A-5B and 6A-6C);
5. Check in the amount of \$770.00 to cover application filing fee; and
6. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: March 23, 2004
Mills & Onello LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
J:\SAM\0367DIV\transdivapp.wpd

Steven M. Mills
Registration Number 36,610
Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Yi-tae Kim

For (title): IMAGE SENSOR HAVING PHOTO
DIODE AND METHOD FOR
MANUFACTURING THE SAME

1. **Type of Application** This new application is for
a(n)

- Original (nonprovisional)
- Design
- Plant
- Divisional.
- Continuation.
- Continuation-in-part (C-I-P).

2. **Benefit of Prior Application(s)**

- The new application is a divisional application of U.S. patent application no. 10/345,852, filed on January 16, 2003, which claims priority to Korean patent application 02-7696 filed February 9, 2002.

3. **Papers Enclosed**

10 Pages of specification

2 Pages of claims

1 Page of Abstract

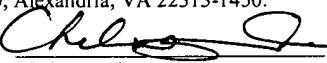
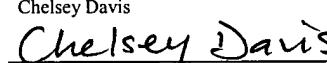
8 Sheets of drawings

formal

informal

1 Page of Cover Sheet

- The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

| | |
|--|--|
| CERTIFICATE OF MAILING 37 C.F.R. § 1.10 | |
| "Express Mail" Mailing Label Number EV322657446US | |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
| Date: | <u>3-23-04</u>  |
| Chelsey Davis | |
|  | |
| Print Name | |

4. Additional papers enclosed

- Preliminary Amendment
- Information Disclosure Statement (37 C.F.R. 1.98)
- Form PTO-1449 (PTO/SB/08A and 08B)
- Copies of cited references
- Declaration of Biological Deposit
- Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- Special Comments
- Other: Return Postcard.

5. Declaration or oath

- Enclosed
 - Unexecuted
 - Executed by
 - inventors. The enclosed Declaration is a true copy of the Declaration filed in U.S. patent application serial no. 10/345,852, the parent of the present divisional application.
 - legal representative of inventor(s).
37 CFR 1.42 or 1.43.
 - joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
 - Not Enclosed
- Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).
 - Showing that the filing is authorized.

6. Assignment

- An assignment of the invention to Samsung Electronics Co., Ltd..
 - is attached. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or FORM PTO 1595 is also attached.
 - will follow.
- was filed in parent application U.S. serial no. 10/345,852.

7. Certified Copy

Certified copy(ies) of application(s)

| Country | Appln. no. | Filed |
|---------|------------|-------|
| Country | Appln. no. | Filed |
| Country | Appln. no. | Filed |

from which priority is claimed

is (are) attached.
 will follow.

8. Fee Calculation (37 C.F.R. 1.16)

| CLAIMS AS FILED | | | | |
|---|--------------|--------------|----------|--------------------------------------|
| | Number filed | Number Extra | Rate | Basic Fee |
| Total | | | | 37 C.F.R. 1.16(a) <u>\$770.00</u> |
| Claims (37 CFR 1.16(c)) | 10 | - 20 = 0 | \$ 18.00 | |
| Independent Claims (37 CFR 1.16(b)) | 1 | - 3 = 0 | \$ 86.00 | |
| Multiple dependent claim(s), if any (37 CFR 1.16(d)) | | + | \$290.00 | |

Amendment canceling extra claims is enclosed.
 Amendment deleting multiple-dependencies is enclosed.
 Fee for extra claims is not being paid at this time.

Filing Fee Calculation \$ 770.00

9. Fee Payment Being Made at This Time

Not Enclosed

No filing fee is to be paid at this time.

(This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)

Enclosed

Basic filing fee

\$ 770.00

Recording assignment

(\$40.00; 37 C.F.R. 1.21(h))

(See attached "COVER SHEET FOR ASSIGNMENT
ACCOMPANYING NEW APPLICATION".)

\$ _____

Total fees enclosed

\$ 770.00

10. Method of Payment of Fees

Check in the amount of \$ 770.00

Charge Account No. 50-1798 in the amount of
A duplicate of this transmittal is attached.

\$ _____

11. Authorization to Charge Additional Fees

The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.

37 C.F.R. 1.16(a), (f) or (g) (filing fees)

37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

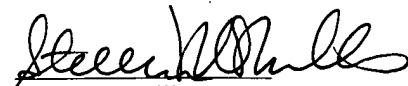
37 C.F.R. 1.17 (application processing fees)

37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

12. **Instructions as to Overpayment**

- Credit Account No. 50-1798
- Refund

Respectfully submitted,



Steven M. Mills
Registration Number 36,610
Attorney for Applicant

Date: March 23, 2004

Mills & Onello LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
J:\SAM\0367DIV\divpatapptrans.wpd